



FEMA



Prepared by
Stephen Harrison

FEMA Region 6 Weather Threat Briefing

Thursday, August 1, 2019

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh

Summary of the Upcoming Week



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Today

- **Isolated heavy rainfall/flash flooding possible across NM and NE OK/NW AR.**

Friday - Saturday

- **Areas of heavy rain/flash flooding possible across NE OK/NW AR.**
- **Isolated heavy rain/flash flooding across NM.**

Sunday - Monday

- **Isolated heavy rain/flash flooding across NM.**

Tropical Weather Outlook

- **There is a 10% chance of tropical cyclone formation over the next 5 days as an area of disturbed weather approaches the Bahamas and Florida.**
- **Another area of disturbed weather in the eastern Atlantic has a 70% chance of development over the next 5 days.**

FEMA Region 6 Threat Matrix

Aug 1, 2019 – Aug 5, 2019



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DAY / THREAT	THU	FRI	SAT	SUN	MON
Severe Storms					
Heavy Rain / Flash Flooding	NM, NE OK/NW AR	NM	NM	NM	NM
		NE OK/NW AR	E OK/W AR		
Fire Weather					
Tropical Weather					
River Flooding	LA	LA	LA	LA	LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

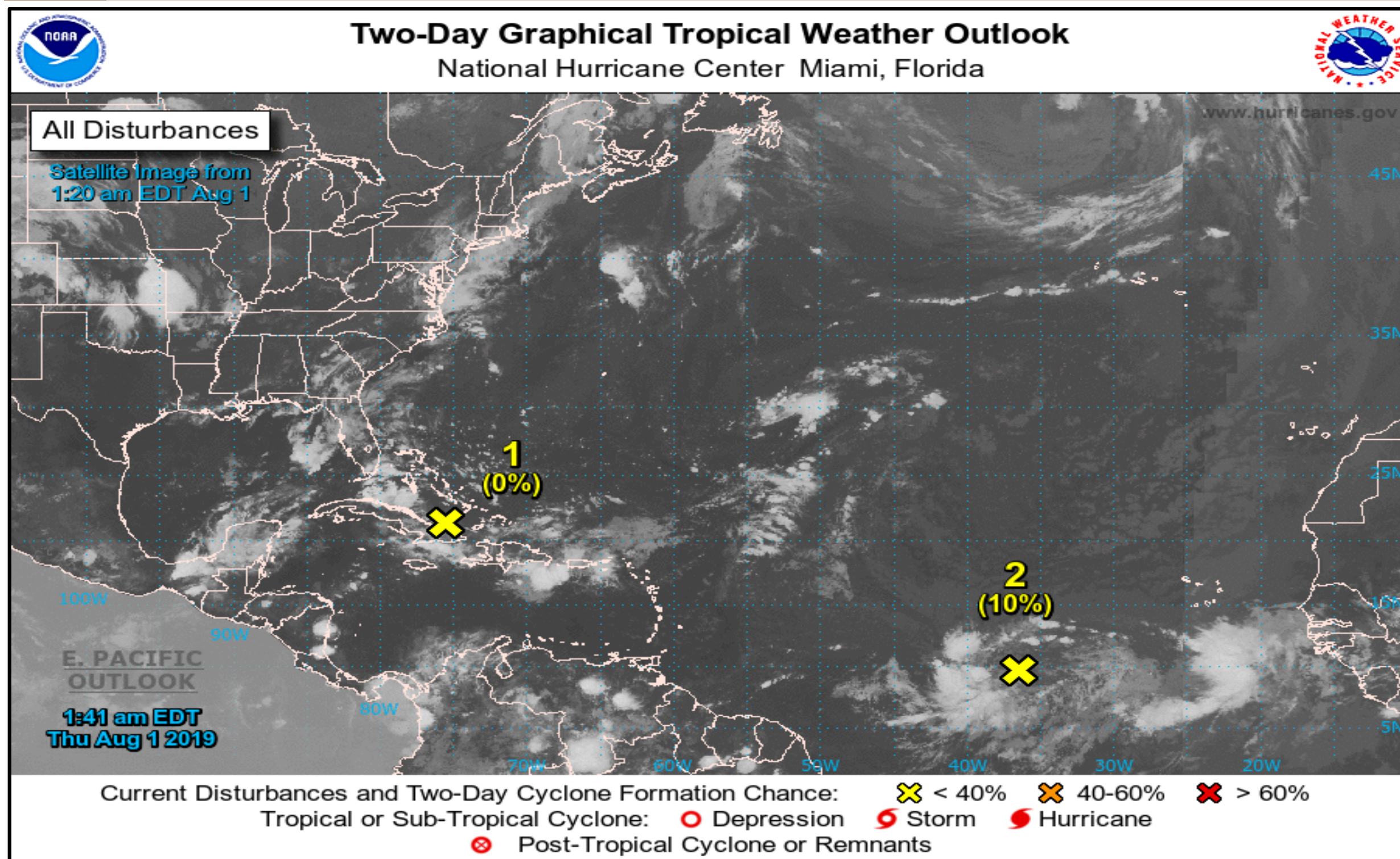
Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf



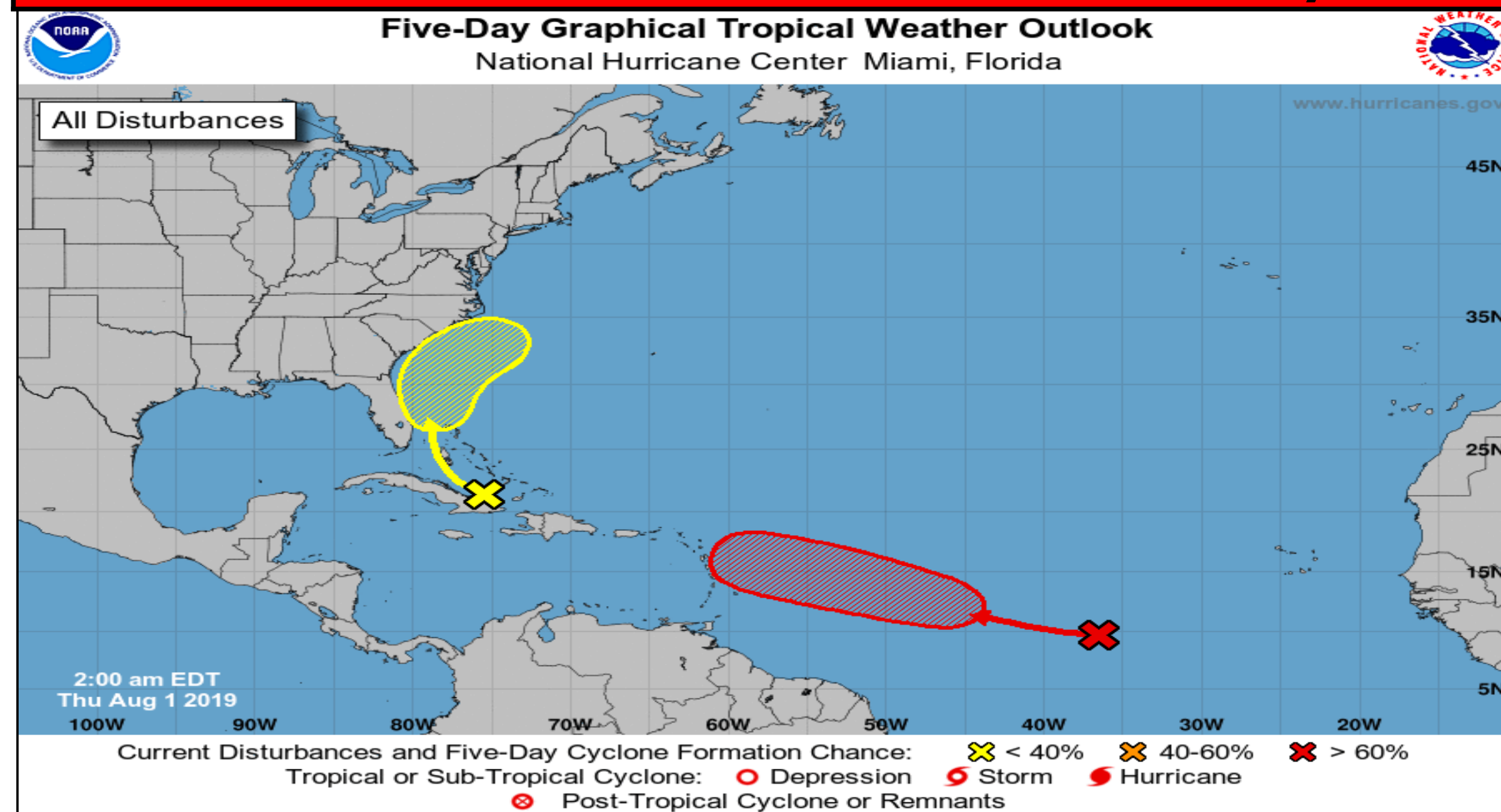
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Tropical Development Potential

There is a 10% chance of tropical cyclone formation over the next 5 days as an area of disturbed weather approaches the Bahamas and Florida.

Another area of disturbed weather in the eastern Atlantic has a 70% chance of development as it moves into the central Atlantic over the next 5 days.



FEMA Region 6 Threat Level

No impacts to Region 6 in the near-term, but will continue to monitor the system in the eastern Atlantic.

5-Day Precipitation Forecast & River Flood Status

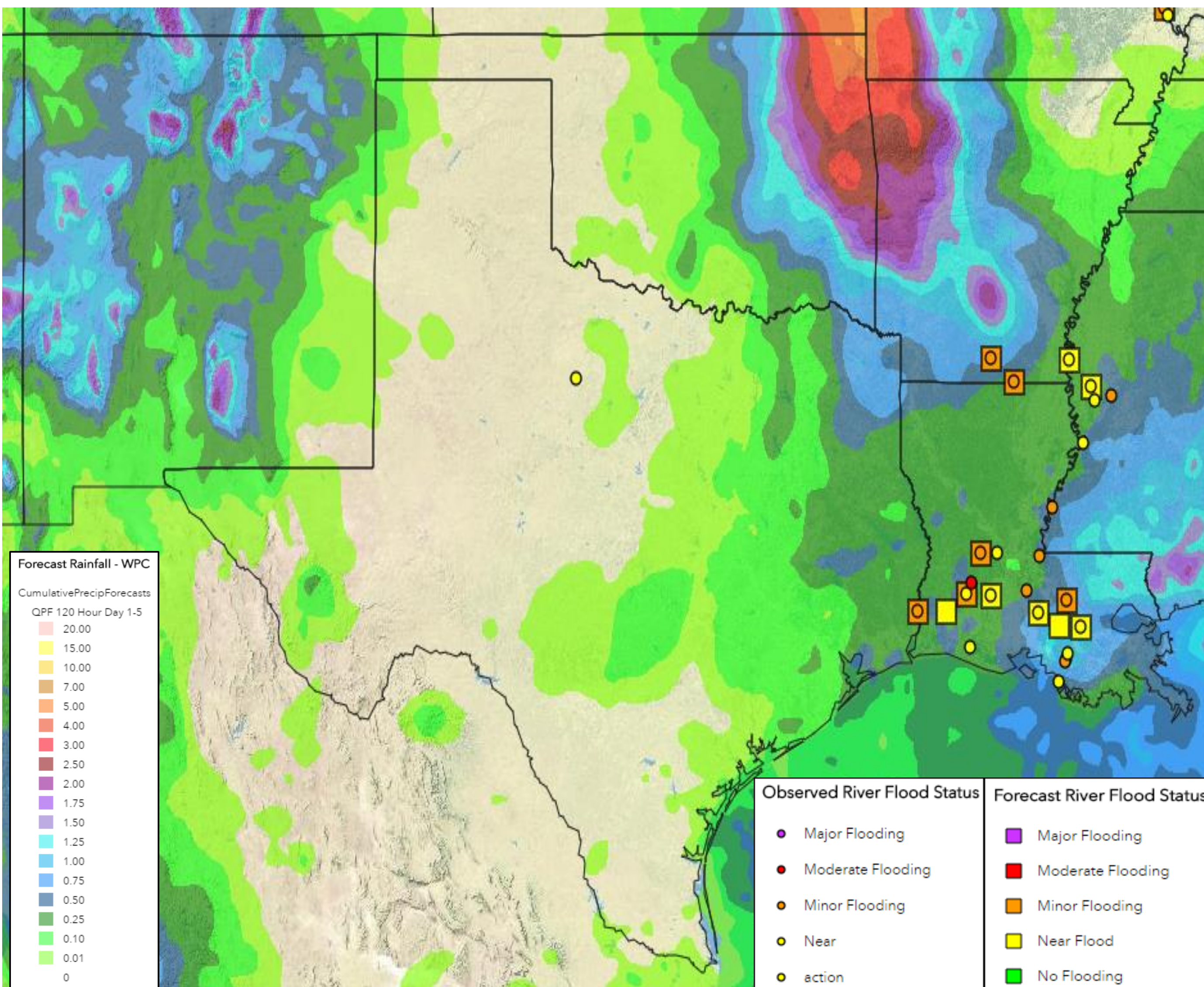


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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

Latest on the MS River Flooding:

- **Red River Landing, LA** is in minor flood stage and will continue to steadily drop over the next week. Impacts primarily to recreational camps and farm land.
- **Baton Rouge, LA** is in minor flood stage, and is forecast to steadily continue to fall and eventually drop below flood stage by next Tuesday. Impacts primarily to river traffic.
- **The Atchafalaya River at Morgan City, LA** will hover around 7 feet (moderate flood stage) through the week. Impacts primarily to river traffic and some buildings near the river.



Today's Weather

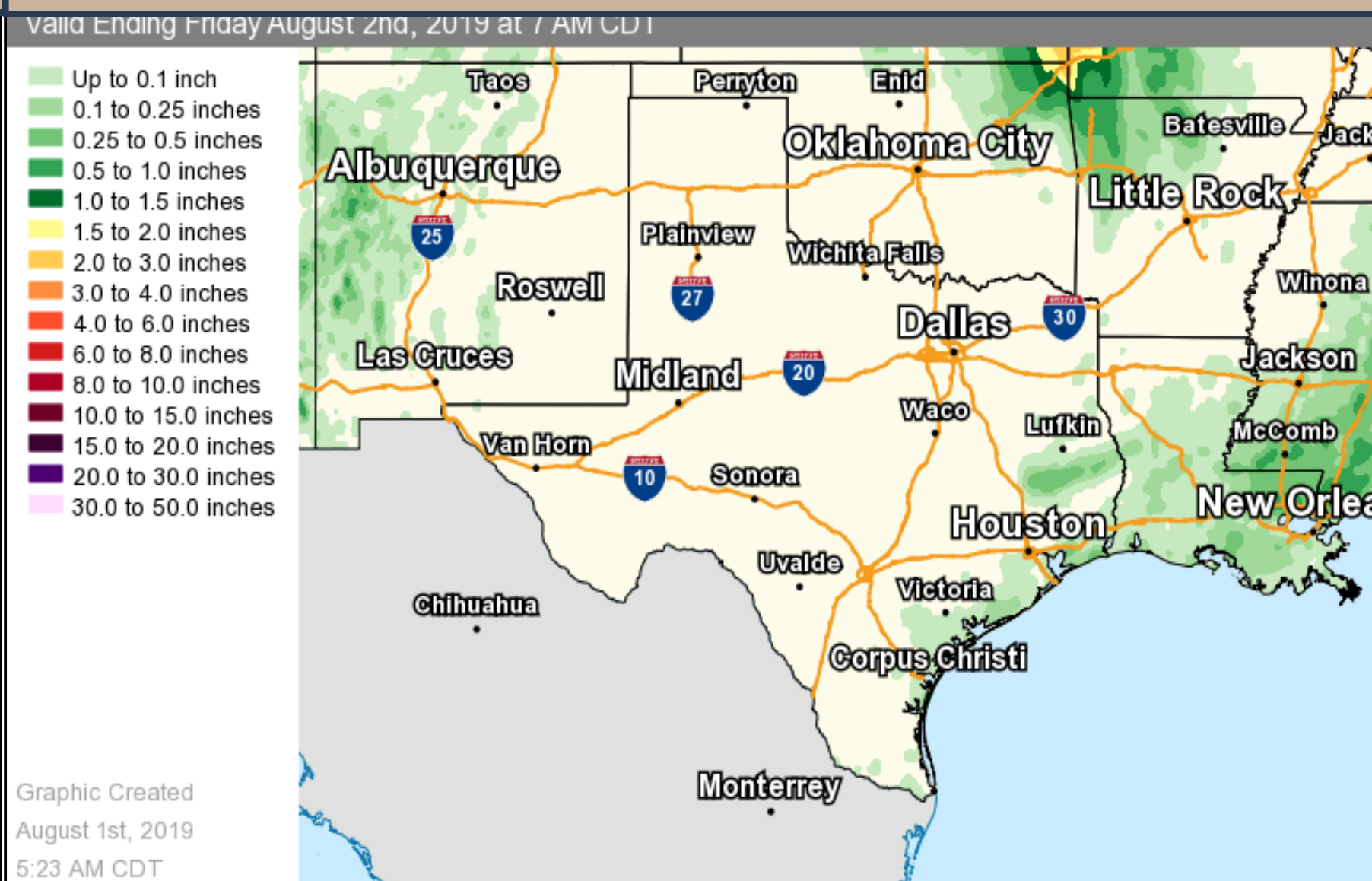
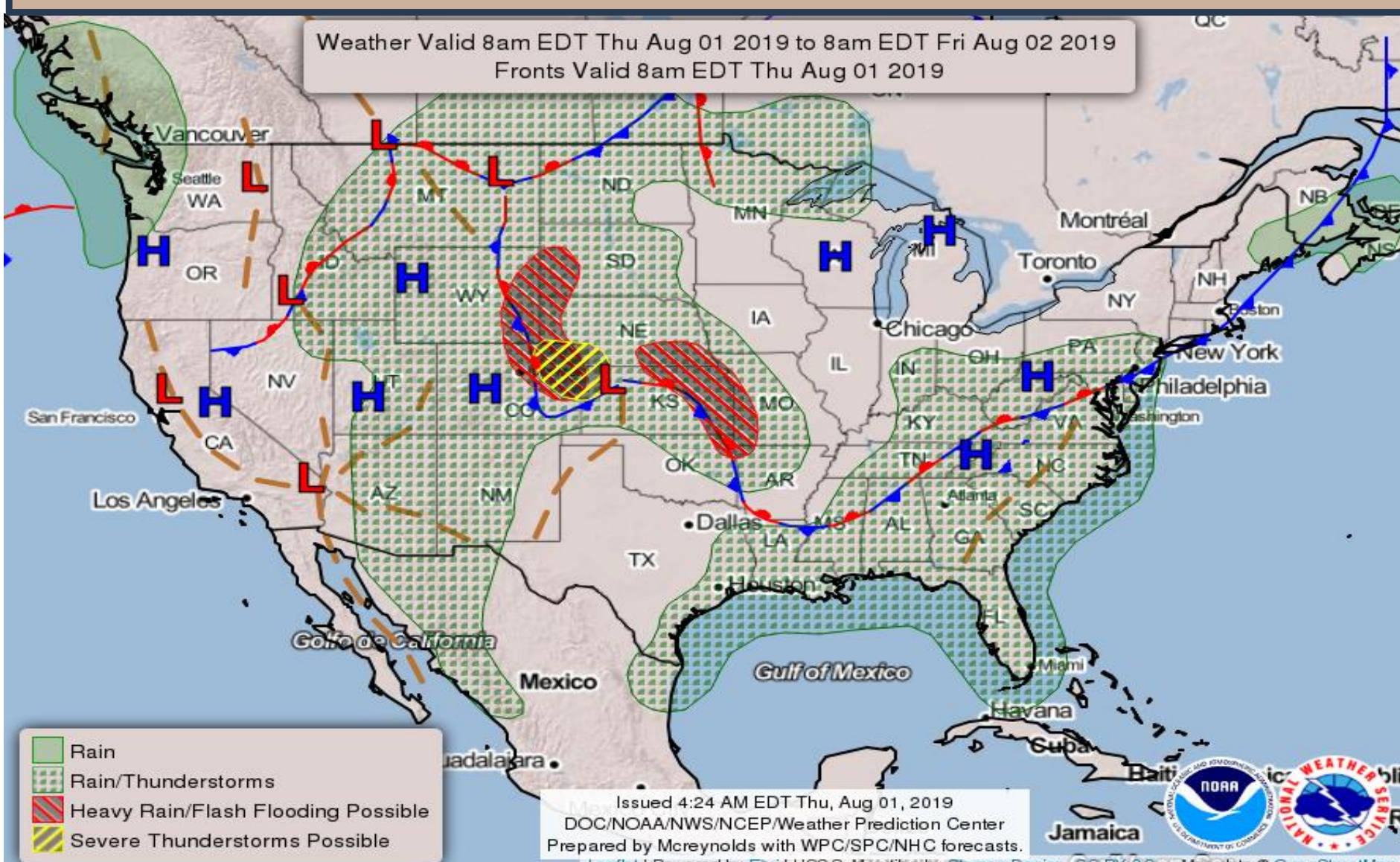


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Forecast Chart

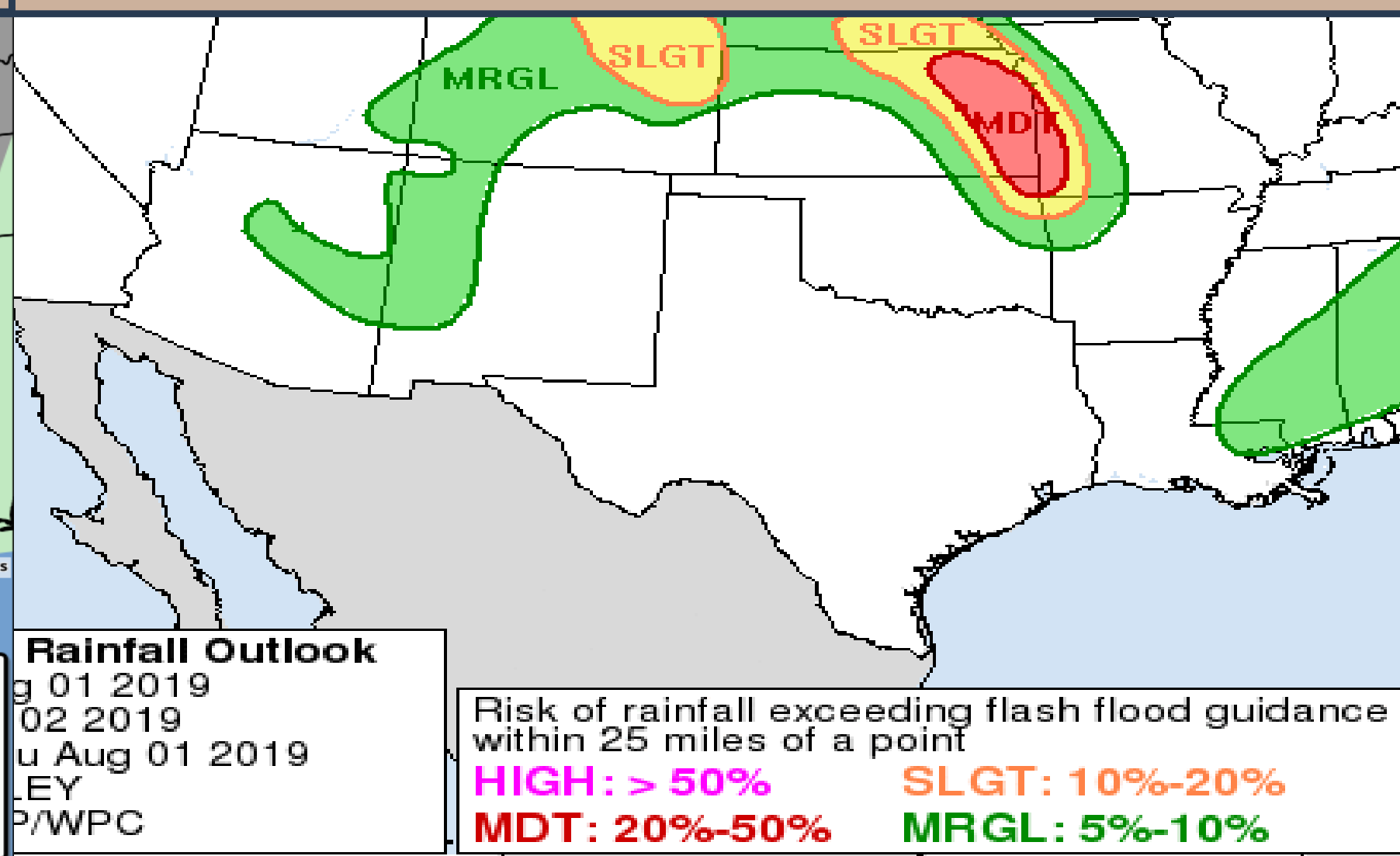
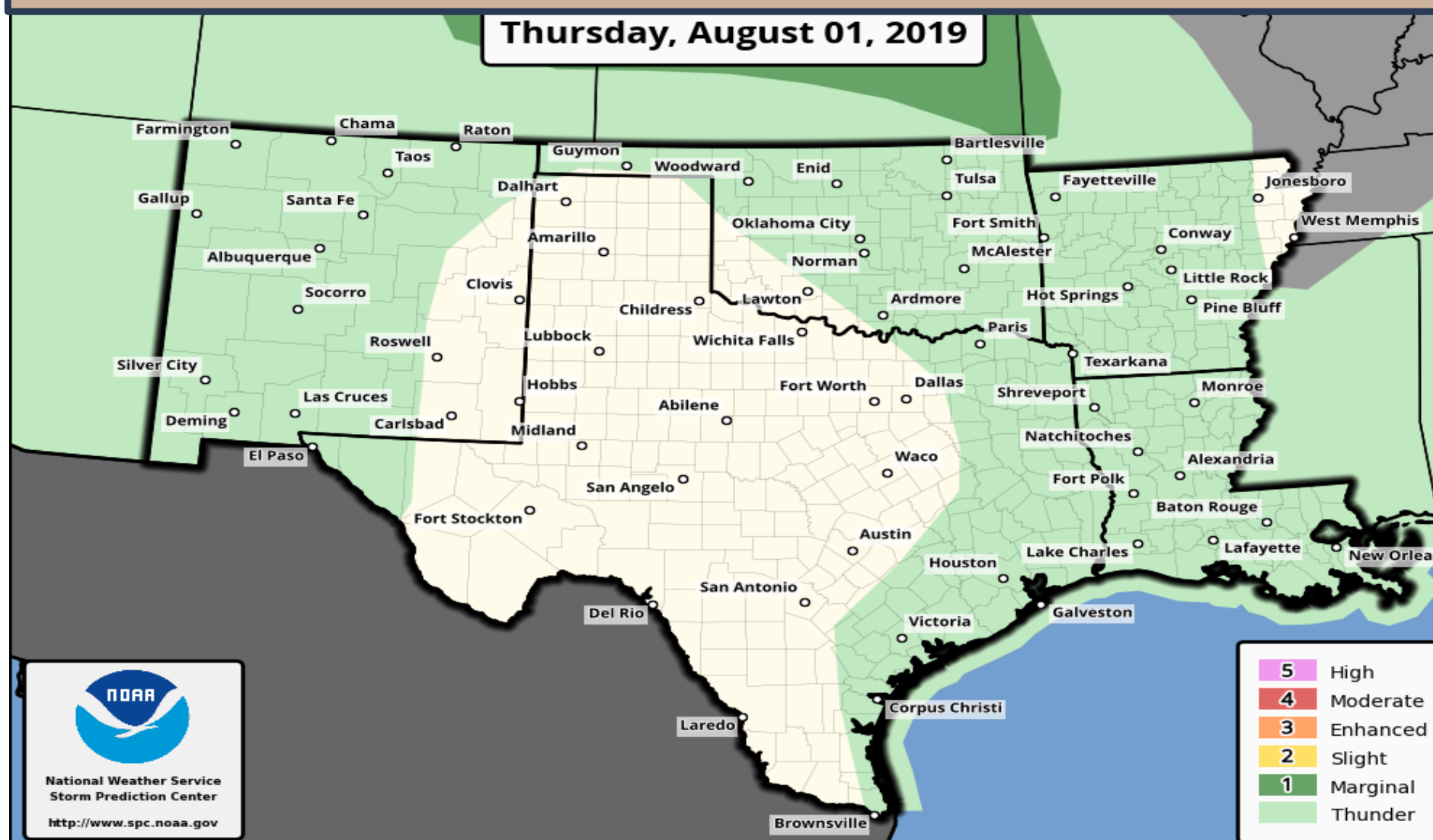
Forecast Rainfall

Isolated heavy rain/flash
flooding across NM, NE OK
and NW AR



Severe Weather Outlook

Excessive Rainfall Outlook

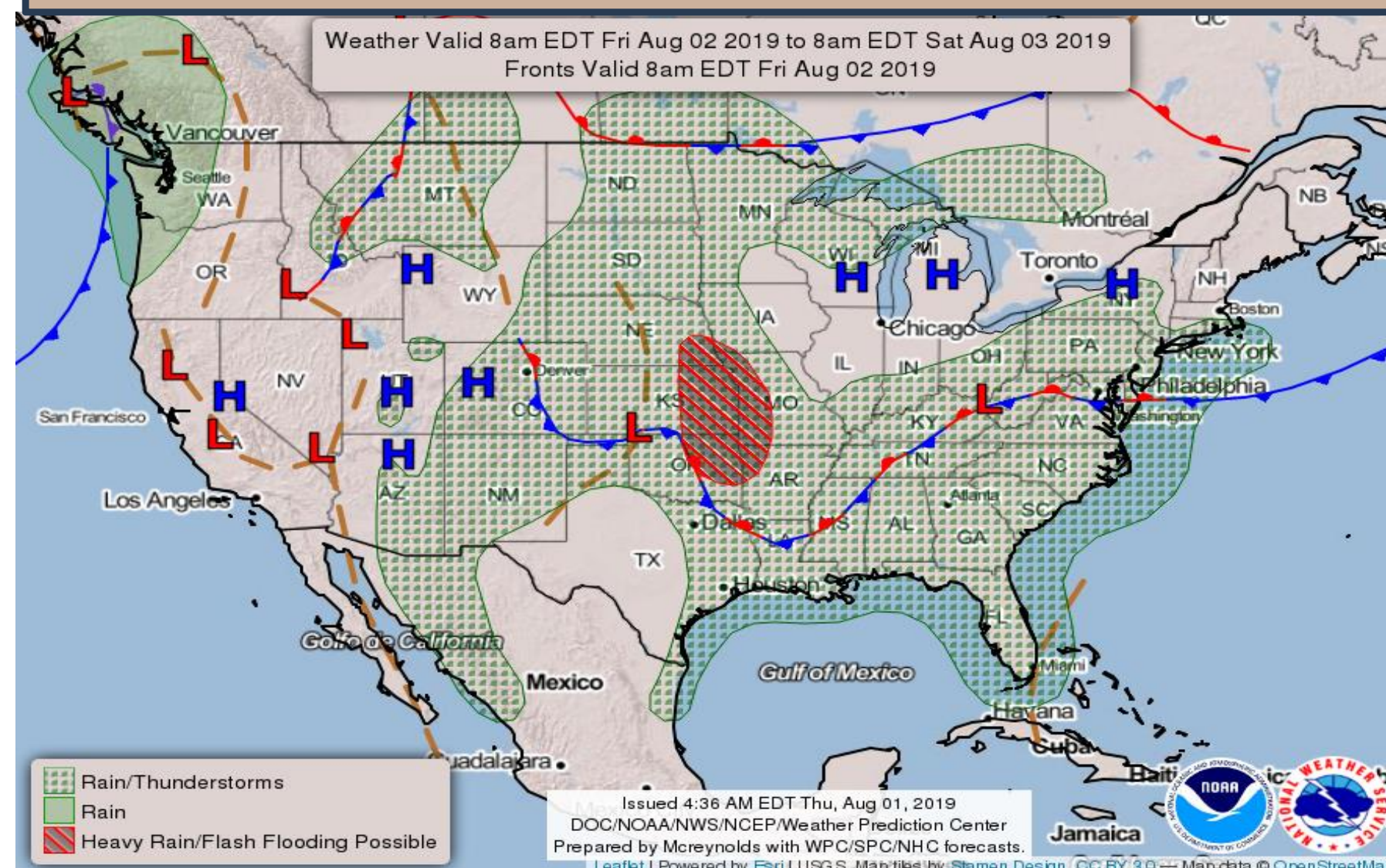


Tomorrow's Weather

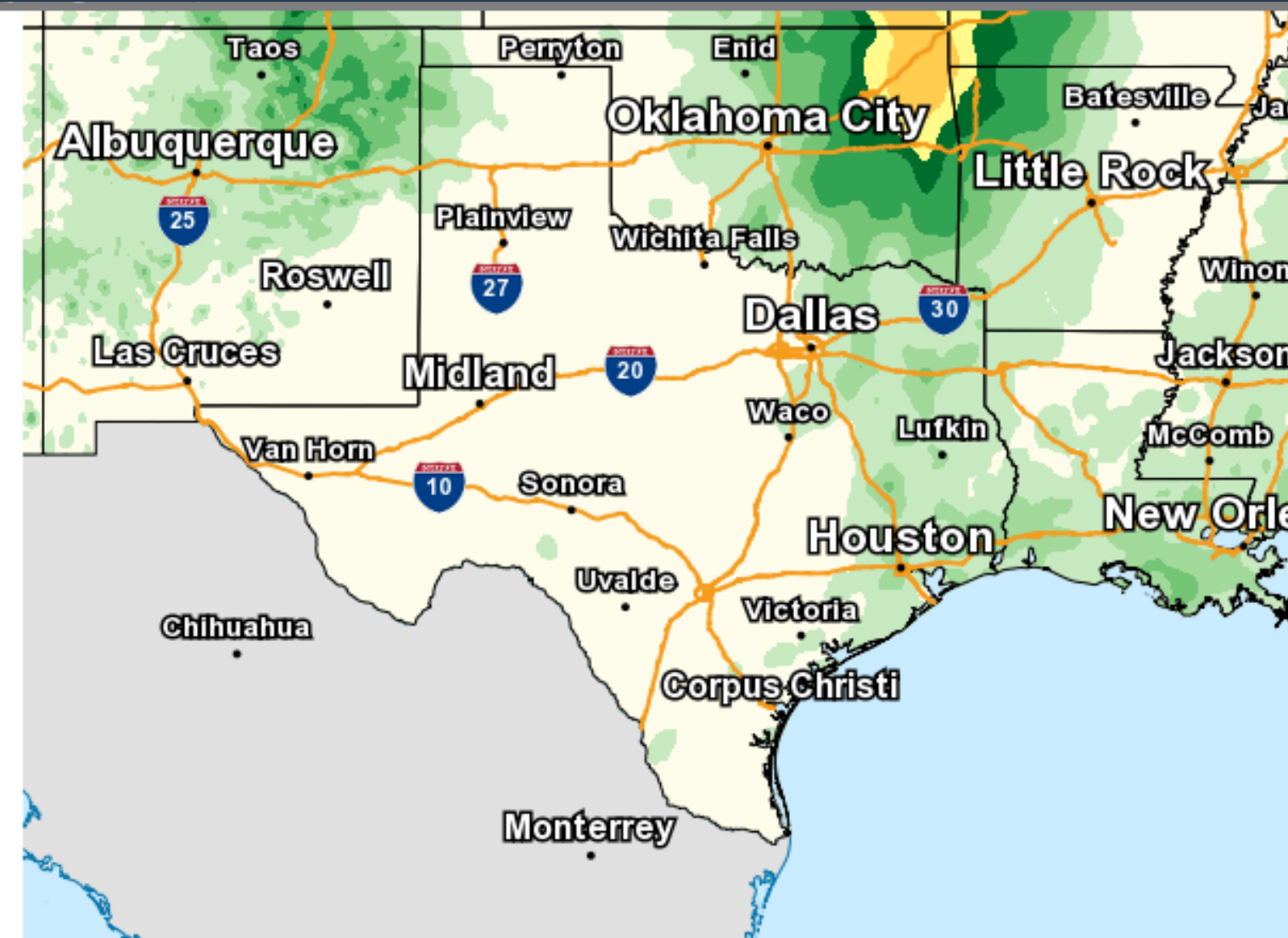
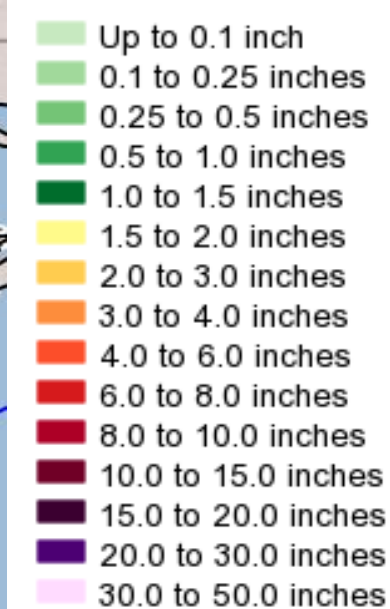


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Forecast Chart



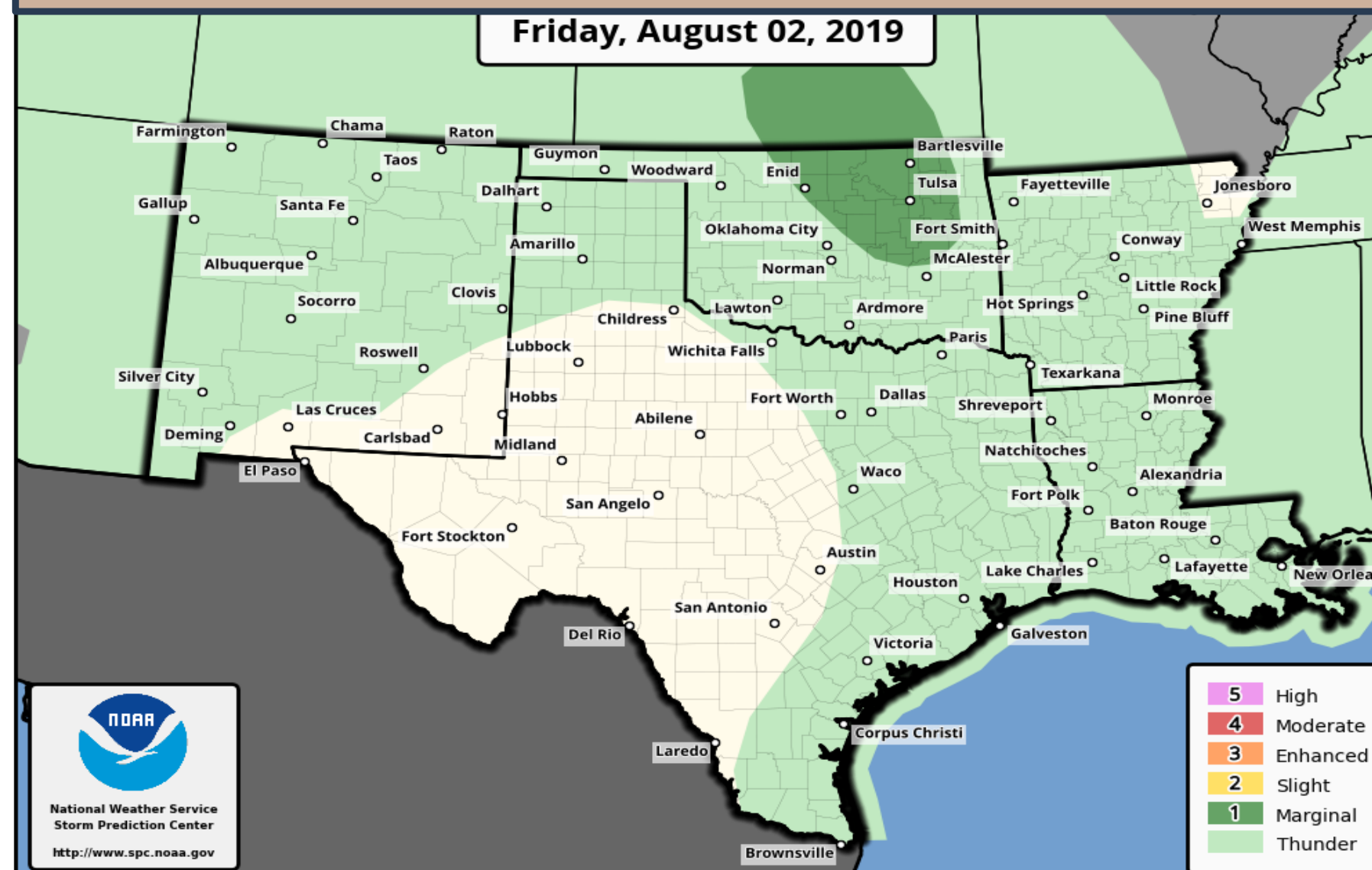
Forecast Rainfall



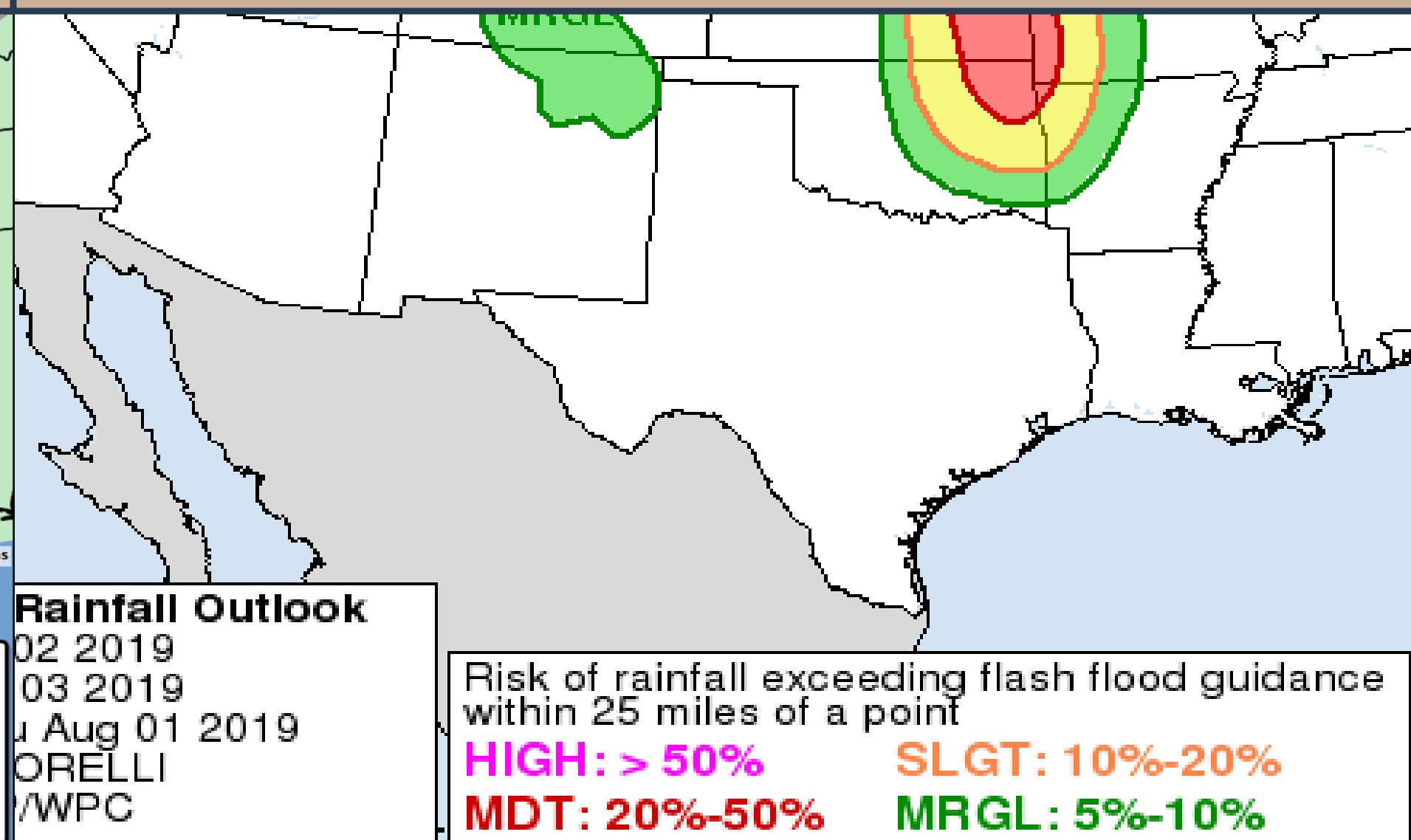
Areas of heavy rain/flash flooding possible across NE OK/NW AR.

Isolated heavy rain/flash flooding possible across NM.

Severe Weather Outlook



Excessive Rainfall Outlook



Saturday's Weather



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Forecast Chart

Forecast Rainfall

Areas of heavy rain/flash
flooding possible across E
OK/W AR.

Isolated heavy rain/flash
flooding possible across
NM.

Severe Weather Outlook

Excessive Rainfall Outlook

Saturday, August 03, 2019

Rainfall Outlook

03 2019
04 2019
u Aug 01 2019
ORELLI
P/WPC

Risk of rainfall exceeding flash flood guidance
within 25 miles of a point

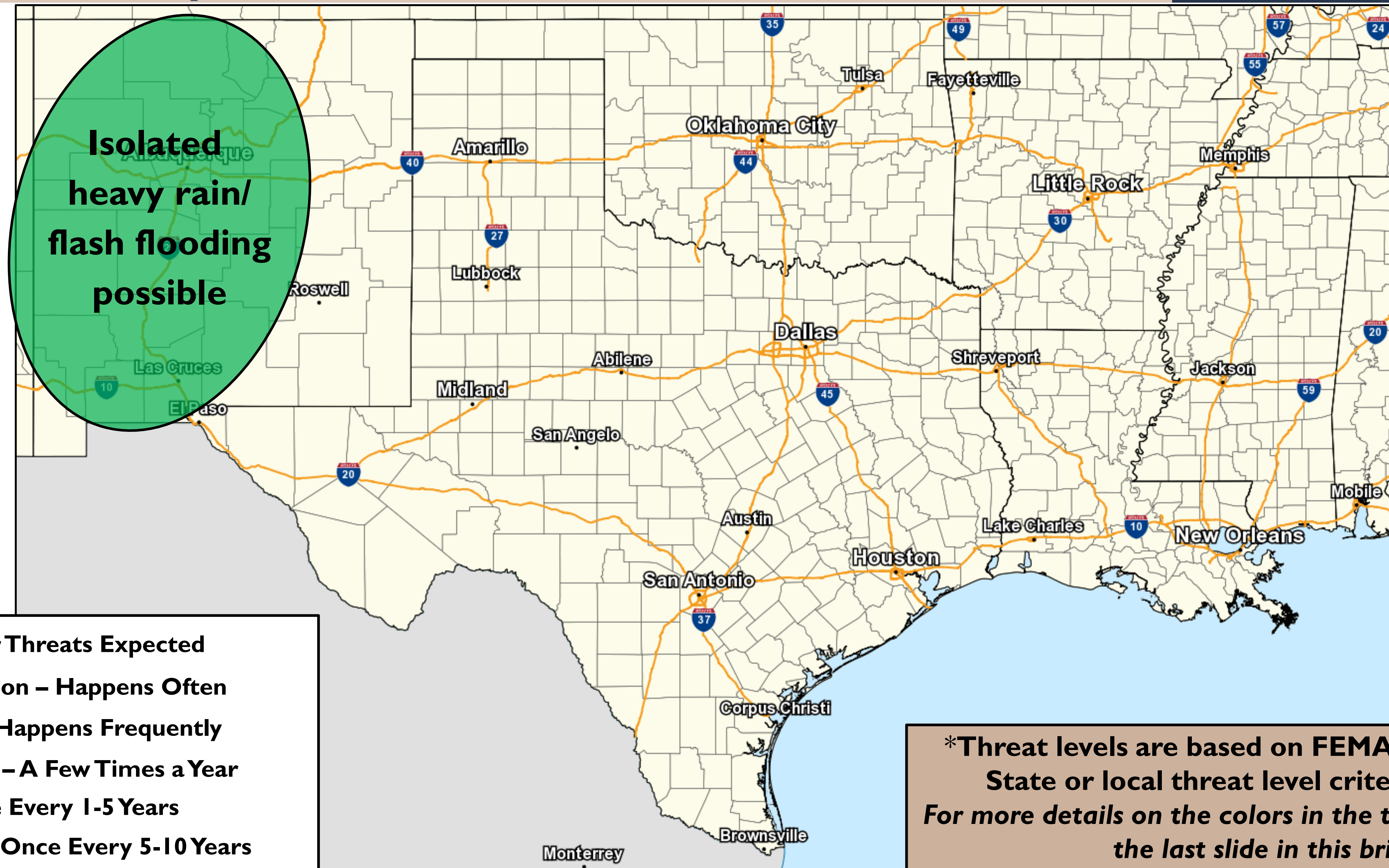
HIGH: > 50% **SLGT: 10%-20%**
MDT: 20%-50% **MRGL: 5%-10%**

Days 4-5 Weather Hazards

Sunday – Monday



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- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

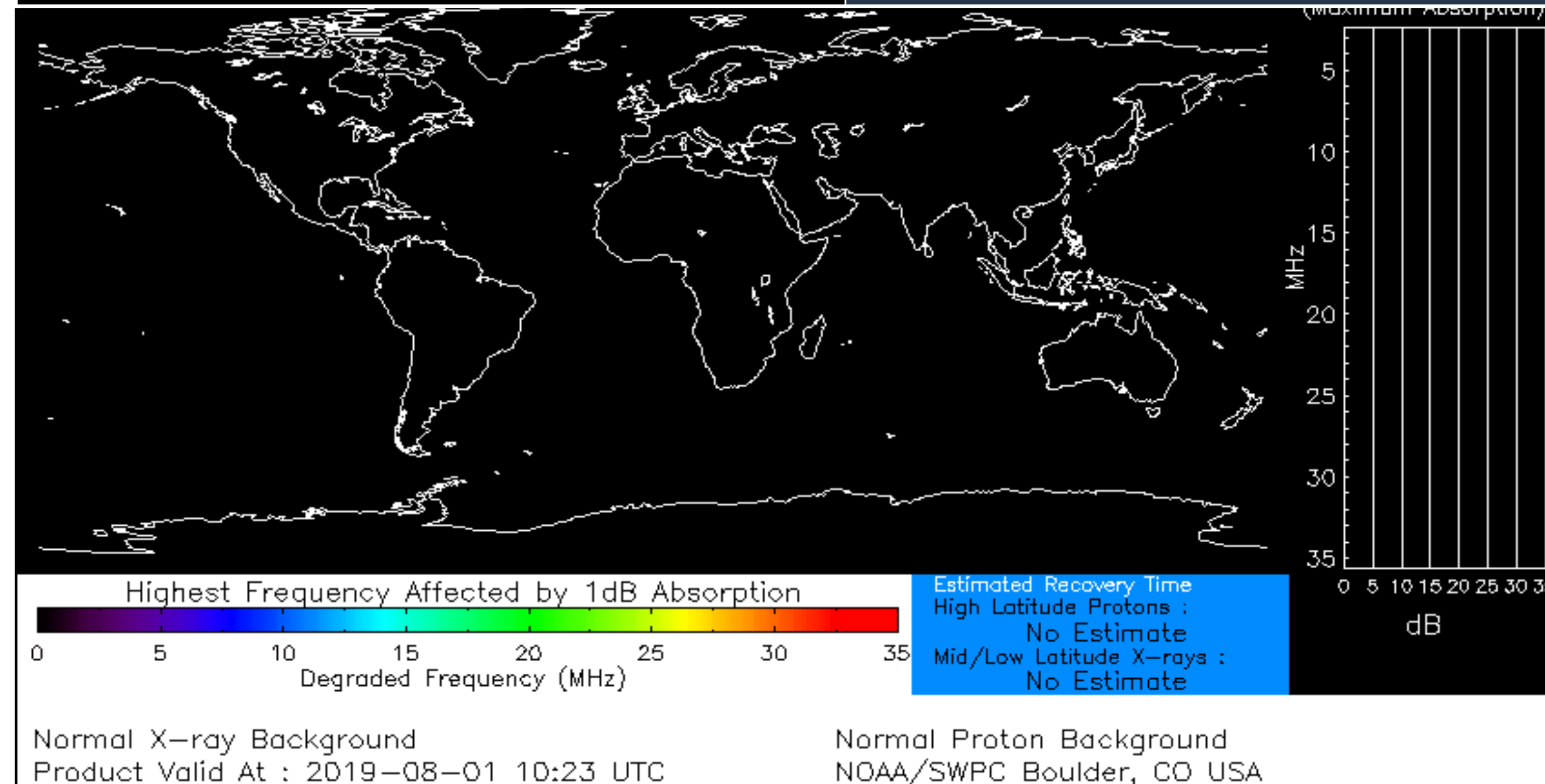
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*For more details on the colors in the threat matrix refer to
the last slide in this briefing.*

Space Weather 3-Day Forecast



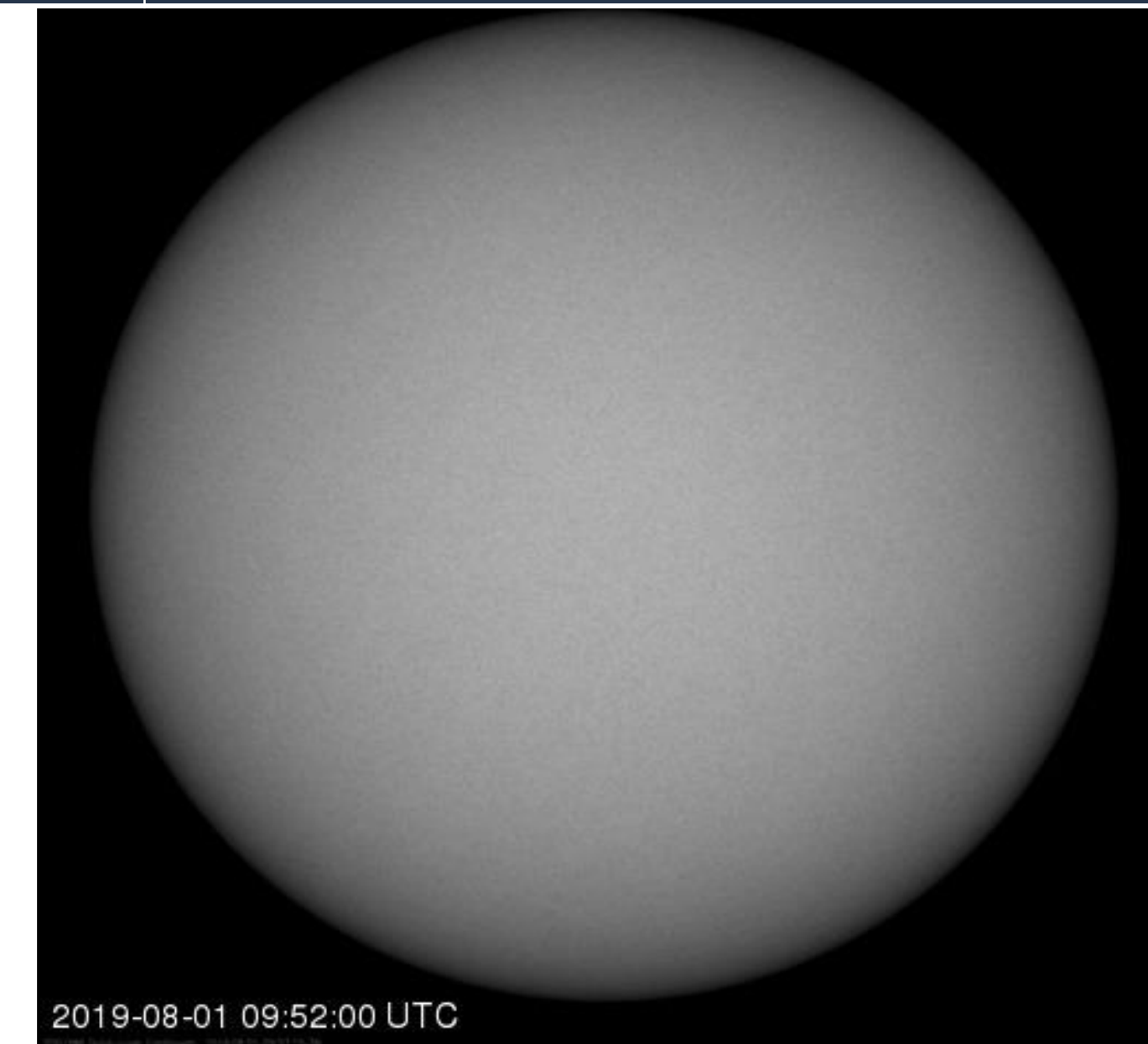
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	Thursday	Friday	Saturday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





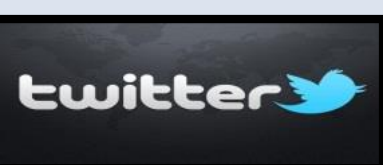
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov